

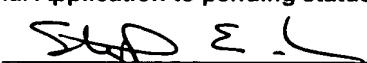
AP7 Rec'd PCT/PTO 26 APR 2006

FORM PTO-1390 (Modified)  
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  
(REV 12-2004)

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>SDUC1160-1 (041673-3603)</b> U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) <b>60/517721, 11/277170</b>
INTERNATIONAL APPLICATION NO. PCT/US2004/036456	INTERNATIONAL FILING DATE 01 November 2004	PRIORITY DATE CLAIMED 05 November 2003
<b>TITLE OF INVENTION</b> METHODS FOR THE DETERMINATION OF PROTEIN THREE-DIMENSIONAL STRUCTURE EMPLOYING HYDROGEN EXCHANGE ANALYSIS TO REFINE COMPUTATIONAL STRUCTURE PREDICTION		
<b>APPLICANT(S) FOR DO/EO/US</b> WOODS et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.		
2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.		
3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.		
4. <input type="checkbox"/> The US has been elected (Article 31).		
5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))		
<input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).		
<input type="checkbox"/> has been communicated by the International Bureau.		
<input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)		
6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))		
<input type="checkbox"/> is attached hereto.		
<input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).		
7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))		
<input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).		
<input type="checkbox"/> have been communicated by the International Bureau.		
<input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.		
<input checked="" type="checkbox"/> have not been made and will not be made.		
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).		
9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).		
10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
<b>Items 11 to 20 below concern other document(s) or information included:</b>		
11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.		
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.		
13. <input type="checkbox"/> A preliminary amendment.		
14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.		
15. <input type="checkbox"/> A substitute specification.		
16. <input type="checkbox"/> A power of attorney and/or change of address letter.		
17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13/er.2 and 37 CFR 1.821 – 1.825		
18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).		
19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		
20. <input checked="" type="checkbox"/> Other items or information: Credit Card Authorization and Post card		

FORM PTO-1390 (Modified)

1420 Restored PTO 26 APR 2006

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/57719</b>	INTERNATIONAL APPLICATION NO. PCT/US2004/036456	ATTORNEY'S DOCKET NUMBER UCSD1160WO (041673-3603)																
<p><input checked="" type="checkbox"/> The following fees have been submitted:</p> <p>21. <input checked="" type="checkbox"/> Basic national fee \$300</p> <p>22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100 All other situations \$200</p> <p>23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared and provided to the Office \$400 All other situations \$500</p>																		
<p><b>TOTAL OF ABOVE 21, 22 and 23 =</b></p> <p><input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof.</p>																		
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)																
148 - 100 =	48 /50 =	1																
		x \$250.00																
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))		\$ 130.00																
<table border="1"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>44</td> <td>- 20 =</td> <td>24</td> </tr> <tr> <td>Independent Claims</td> <td>4</td> <td>- 3 =</td> <td>1</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$ 360.00</td> </tr> </tbody> </table>		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total Claims	44	- 20 =	24	Independent Claims	4	- 3 =	1	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$ 360.00	\$ 250.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE															
Total Claims	44	- 20 =	24															
Independent Claims	4	- 3 =	1															
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$ 360.00															
<p><b>TOTAL OF ABOVE CALCULATIONS =</b></p> <p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.</p>		\$ 2380.00																
<p><b>SUBTOTAL =</b></p> <p>Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).</p>		\$ 1190.00																
<p><b>TOTAL NATIONAL FEE =</b></p> <p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 40.00 per property</p>		\$ 1190.00																
<p><b>TOTAL FEES ENCLOSED =</b></p>		\$ 1190.00																
		<table border="1"> <tr> <td>Amount to be refunded:</td> <td></td> </tr> <tr> <td>charged:</td> <td></td> </tr> </table>	Amount to be refunded:		charged:													
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charged:																		
<p>a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>50-0872</u> in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-0872</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> Fees are to be charge to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p>																		
<p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p>																		
<p>SEND ALL CORRESPONDENCE TO:</p> <p>Foley &amp; Lardner LLP P.O. Box 80278 San Diego, California 92138-0278</p>																		
<p>          SIGNATURE          Stephen E. Reiter          NAME          31,192          REGISTRATION NUMBER       </p>																		

10/577179

AP20060426 APR 26 APR 2006

**DOCUMENT: TRANSMITTAL LETTER TO THE UNITED  
STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371 AND  
APPLICATION DATA SHEET  
DOCKET NO.: SDUC1160-1 (041673-3603)  
SERIAL NO.: PCT/US2004/036456**

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

"EXPRESS MAIL" MAILING LABEL NUMBER EV 636071455 US

DATE OF DEPOSIT 26 April 2006

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO MAIL STOP PCT, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

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Ruth Sabula

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*Ruth Sabula*

Signature